

Claims

1. A method for adapting a mobile terminal to a use, c h a r a c -
t e r i z e d in that the method comprises the preliminary step of providing
the mobile terminal with data, which is divided into several parts, each part
5 concerning data connected to a certain area, and said data of each part en-
crypted by a specific key or keys,

the provided data being in the mobile terminal the method com-
prising the steps of:

- 10 - finding out a location of the mobile terminal by the server, the
server comprising location specific decryption keys, the finding
step comprising the step of requesting the location information
from a location service in the network and as a response to said
enquiry the location service transports the requested location
information to the server
- 15 - if the location information of the mobile terminal and the location
information of one of said decryption keys match, sending said
decryption key or keys from the server to the mobile terminal,
and
- 20 - decrypting the part to which said decryption key matches for
adapting the mobile terminal for the use.

2. A method according to claim 1, c h a r a c t e r i z e d in that
prior to sending the decryption key or keys, the mobile terminal requests the
decryption key or keys from the server.

25 3. A method according to claim 1 or 2, c h a r a c t e r i z e d in
that the step of finding out the location of the mobile terminal comprises the
step of transporting the location information from a location service in the
network to the server.

30 4. A method according to claim 1 or 2, c h a r a c t e r i z e d in
that the step of finding out the location of the mobile terminal comprises the
step of requesting the location information from the mobile terminal and as a
response to said enquiry the mobile terminal transports the requested loca-
tion information to the server.

35 5. A method according to claim 1, c h a r a c t e r i z e d in that
the step of finding out the location of the mobile terminal comprises the step
of requesting the location information from a location service in the network
or from a mobile terminal and as a response to said enquiry the location in-

formation is transported to the server, which location information the server utilizes when automatically matching and sending said decryption keys.

6. A method according to claim 1 or 2, characterized in that the location service utilizes the location information of the mobile terminal, which is within the knowledge of the network.

7. A method according to claim 4, characterized in that the mobile terminal utilizes the location information of the mobile terminal, which is within the knowledge of the network.

8. A method according to any of claims 1 - 7, characterized in that along with the location information, identification information of the mobile terminal is used for matching the decryption key or keys.

9. A method according to any of claims 1 - 7, characterized in that along with the location information, time information is used for matching the decryption key or keys.

10. A method according to any of claims 1 - 7, characterized in that along with the location information, identification information of the mobile terminal and time information are used for matching the decryption key or keys.

11. A method according to any of claims 1 - 10, characterized in that decryption keys for several parts are transported to the mobile terminal for adapting the mobile terminal.

12. A method according to any of claims 1 - 11, characterized in that the adaptation is made for a current use.

13. An arrangement for adapting a mobile terminal to a use, characterized in that the arrangement comprises:

- a first means for providing the mobile terminal with data, which is divided into several parts, each part concerning data connected to a certain area, and said data of each part encrypted by a location specific key, which providing means are connected to the mobile terminal for the duration of the provision,
- location specific decryption keys in a server,
- a second means for finding out a location of the mobile terminal in the server, the second means comprising means for requesting the location information of the mobile terminal from a location service that is in connection with the server through a communication network

- 5
- a third means in the server for comparing the location information of the mobile terminal and the location information of said decryption keys, and selecting that decryption key whose location information and the location information of the mobile terminal match,
 - a fourth means in the server for sending the selected decryption key from the server to the mobile terminal through an available network as a response of the third means
 - 10 - a fifth means in the mobile terminal for decrypting the part using the decryption key.

14. An arrangement according to claim 13, characterized in that the mobile terminal comprises a sixth means for requesting the decryption key or keys from the server.

15 15. An arrangement according to claim 14, characterized in that the mobile terminal comprises a seventh means for adapting the mobile terminal for the use.

16. An arrangement according to claim 13 or 15, characterized in that the second means comprises means for receiving the requested information.

20 17. An arrangement according to claim 13 or 16, characterized in that the decryption keys are further associated with time information and/or identification information of mobile phones, which is used along with the location information when comparing these pieces of information and selecting the decryption key.

25 18. An arrangement according to any of claims 13 - 17, characterized in that the mobile terminal is a field computer, PDA or mobile phone.

30 19. An arrangement according to any of claims 16, characterized in that the location service utilizes location information from a mobile phone network.

20. An arrangement according to any of claims 13 - 19, characterized in that as response to the third means, the fourth means sends decryption keys for several parts for adapting the mobile terminal.